

PO BOX 1308  
HAMPTON, NH 03842-1308

Telephone (603) 474-1954

Kenneth Kettenring  
NH Wetlands Board  
PO Box 2008  
Concord, NH 03302-2008

April 17, 1995

Re: File #94-1700 - Hampton

Dear Mr. Kettenring:

I am writing to request a retraction of a letter sent by your staff April 13, 1995 to my client, Thomas Wasson, regarding a matter which should have been considered resolved five months ago. This letter has been sent to both a hostile abutter and to the Hampton Conservation Commission which will most assuredly result in considerable and undeserved harassment of my client. I spoke directly with you about this matter last fall and will review the facts again to hopefully refresh your memory.

In the fall of 1991 I was hired to evaluate the lot in question for possible development. I in turn hired Marc Jacobs to look at the site to be sure there was adequate room for a driveway to access the rear of the lot. He indicated that there was in fact enough width and showed me the limits of wetlands where the available access was narrowest along the easterly property line. A septic design was completed and approved in the spring of 1994 and the client/contractor was shown the limit of wetlands jurisdiction previously flagged by the soil scientist. Before construction began, I sat down with abutter John Demeritt and his wife to explain why the driveway had to be located so close to his property line. I also explained that I had obtained the services of a qualified soil scientist to be sure that everything was in order. He subsequently (without being courteous enough to

notify me or my client) filed a complaint with the Wetlands Board in an obvious attempt to halt construction already in progress. A copy of the Board's letter of October 31, 1994 is enclosed.

With the onset of winter approaching, it was critical that construction continue as soon as possible. Repeated calls to Maryann Tilton led me to the conclusion that it could be weeks before someone from your staff would be out to inspect the property. In hopes of expediting a resolution, I again hired Marc Jacobs to come out and look at the site. He responded with the letter dated November 16, 1994 (copy enclosed). I did not receive a copy of this letter until November 22; I was still talking to Maryann Tilton at this time; she was insisting that Marc's letter was not enough to put the matter to rest and still refusing to commit to a date for inspection. (It is interesting to note that Dori Wiggin says that she inspected the site on November 18). At any rate, I hope you can recall that I eventually spoke with you and that, after reviewing the file and Marc Jacobs' letter, you told me to go ahead and have my client clean up the debris and proceed with construction. I assumed that the matter was closed.

Five months later my client receives the enclosed letter dated April 13, 1995 which my client shows to me on April 17. I then call Maryann Tilton to find out that the matter is on the agenda for possible enforcement action the next day. I am understandably and I believe justifiably outraged by the way this case has been handled. First of all, I went to the expense of hiring a soil scientist (twice) so that I wouldn't have to go through this kind of aggravation. Secondly, why would Dori Wiggin ignore statements by a qualified and respected soil scientist (who is the only such person, I might add, who had an opportunity to evaluate the site before it was disturbed) without at least consulting with him. Marc does not remember ever speaking with Dory about this property. And thirdly, how can you possibly justify taking five months to respond to a complaint; if I had not pressed the matter and gotten you involved, did the staff expect the contractor to sit on an unfinished construction project for five months?

I try to appreciate the fact that your agency is understaffed. However, it might lighten the load if staff members would be more responsive to legitimate evidence in selecting their enforcement actions. I did my homework on this property. If the staff is going to refuse to honor evidence presented by qualified professionals, then their workload is going to be more cumbersome than it needs to be and, unfortunately, so is mine.

Tom would  
not let  
me send this

Please advise me as to how this matter is going to be resolved. If I could presume to suggest a possible solution, it would be to attribute the mailing of the April 13 letter to a clerical error, to assume that Dori did not have Marc's information when she inspected the site, and to accept that it would have been impossible to her conclusively evaluate the original condition of recently disturbed soils. It is important to me that the abutter and the Conservation Commission be notified in the event that the enforcement action is rescinded (which I hope will be the case) as my client's reputation and credibility are taking an undeserved beating in this case.

*as well as my own*

Thank you for your time and attention.

Sincerely,

Anne W. Bialobrzewski  
Stockton Services





State of New Hampshire  
WETLANDS BOARD

DEPARTMENT OF ENVIRONMENTAL SERVICES  
64 North Main Street Post Office Box 2008 Concord, NH 03302-2008  
603-271-2147 FAX 603-271-6588  
TDD Access: Relay NH 1-800-735-2964



Director Water Resources Division • Director W.S.P.C. Division • Director Waste Management Division • Director State Planning  
Director Fish and Game • Commissioner Dept. of Safety • Commissioner Dept. of Transportation • Commissioner D.R.P.D.  
Municipal Conservation Commission • Soil and Water Conservation District • Municipal Official • Construction Industry

October 31, 1994

Thomas Wasson  
Exeter Road  
Hampton, NH 03842

RE: File # 94-1700 - Hampton

Dear Mr. Wasson:

The Wetlands Board has received a complaint of a possible violation on your property located at 463 Exeter Road on Route 27 in Hampton. The complaint alleges that you excavated wetlands without a permit from the N.H. Wetlands Board.

A permit is required from the Wetlands Board to excavate, remove, dredge, fill, or construct any structure in or on any bank, flat, marsh, bog, or swamp, in or adjacent to waters of the state. In addition, any work in sand dunes or the upland tidal buffer zone requires a permit from the Board. We find no record of a permit being issued under your name for the work described above.

The Wetlands Board has the authority to consider taking enforcement action against any person who conducts work within their jurisdiction without a permit. Enforcement action may include approving the work after-the-fact, requesting removal/restoration, and/or consideration of an administrative fine.

Please refrain from conducting any additional work on your property until this matter has been resolved. A field inspection will be conducted to determine the extent of the violation and the appropriate remediation and fines to be considered.

If you have any questions please feel free to contact our office at the number listed above.

Sincerely,

Kenneth N. Kettenring  
Administrator  
DES Wetlands Bureau

KNK/IGG/lac

cc: Hampton Conservation Commission, 136 Winnacunnet Rd, Hampton



State of New Hampshire  
WETLANDS BOARD

DEPARTMENT OF ENVIRONMENTAL SERVICES

64 North Main Street Post Office Box 2008 Concord, NH 03302-2008

603-271-2147

FAX 603-271-6588

TDD Access: Relay NH 1-800-735-2964

NHDES



Director Water Resources Division • Director W.S.P.C. Division • Director Waste Management Division • Director State Planning  
Director Fish and Game • Commissioner Dept. of Safety • Commissioner Dept. of Transportation • Commissioner D.R.E.D.  
Municipal Conservation Commission • Soil and Water Conservation District • Municipal Official • Construction Industry

April 13, 1995

Thomas Wasson  
463 Exeter Road/Route 27  
Hampton, NH 03842  
RE: FILE 94-1700

Dear Mr. Wasson,

On November 18, 1994 Department of Environmental Services Wetlands Bureau Staff Dori Wiggin inspected your property off Route 27 in Hampton. Ms. Wiggin found the driveway appears to bisect a wetland finger, evidenced by the existence of various wetland shrub species in the dredge area. Ms. Wiggin determined the dredge area to be approximately 15 ft. wide and 20 to 25 ft. long.

Review of our historical files indicates no permit was issued for this work. RSA 482-A:3 states that "no person shall excavate, remove, fill, dredge or construct any structures in or on any bank, flat, marsh, or swamp in and adjacent to any waters of the state without a permit from the Wetlands Board".

Your file will be placed on the next available Wetlands Board agenda for possible enforcement and/or permitting action. You will be notified of the Board's decision under separate cover. If you have questions on this file do not hesitate to contact Irene Garvey at 271-2147.

Sincerely,

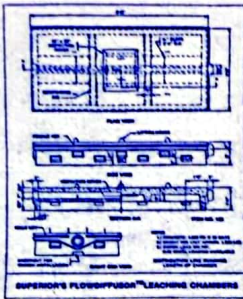
John N. Kettenring  
Administrator  
Wetlands Bureau

KNK/IGG/int

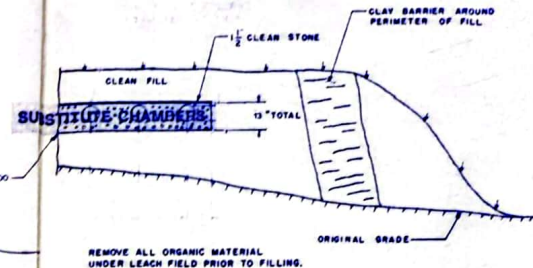
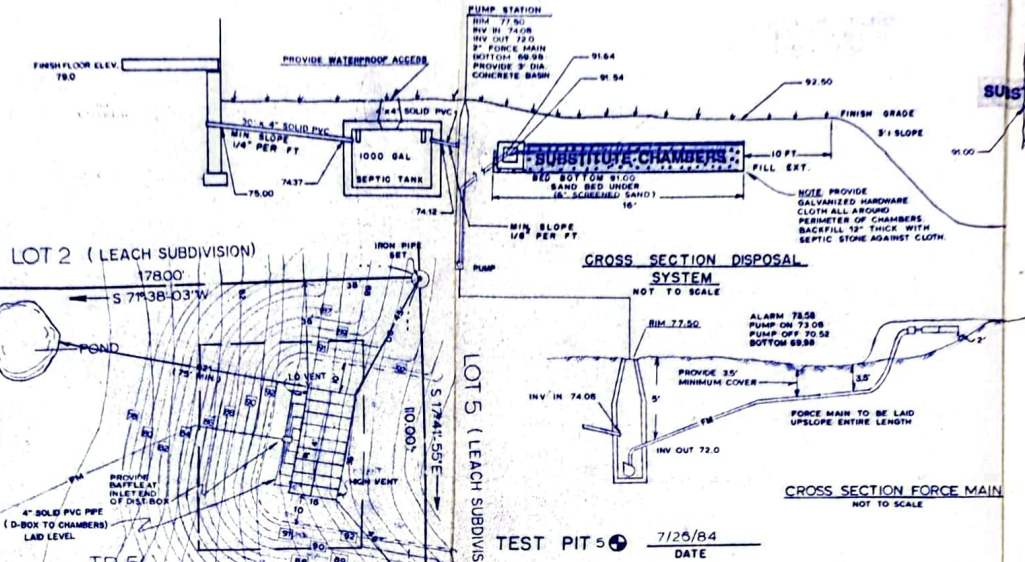
cc: Hampton Conservation Commission  
John R. Demeritt

*called Nannette Tilton  
4/17/95  
she will find file  
and call me back*





NOTE:  
CHAMBERS TO BE VENTED WITH TWO VENTS.  
THE LOW VENT SHALL OUTLET 4' ABOVE THE  
CHAMBERS AND THE HIGH VENT SHALL OUTLET 6'  
ABOVE THE CHAMBERS. THE VENTS SHALL BE 4" PVC  
PIPE WITH TWO 90° ELBOWS AND SCREENING  
PROVIDED AT THE OUTLET.



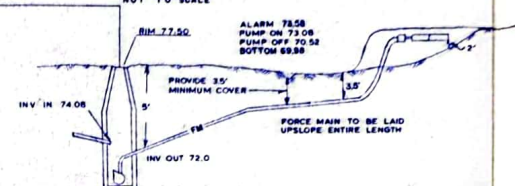
#### DESIGN INTENT

THE PURPOSE OF THIS DESIGN IS TO MAINTAIN AT LEAST  
4" ABOVE SEASONAL HIGH WATER TABLE AND 2" ABOVE LEACH  
OR ANY IMPERMEABLE SUBSTRATUM BY CONSTRUCTING THE  
BOTTOM OF THE LEACH FIELD AT ELEV 91.00 WHICH IS 2" ABOVE  
EXISTING GROUND AT THE HIGHEST POINT

FILL MATERIAL TO BE 2" MIN TO 4" MAX GRADE SIZE DEPENDING ON GRADE TOLERANCE.

#### CROSS SECTION DISPOSAL SYSTEM

NOT TO SCALE



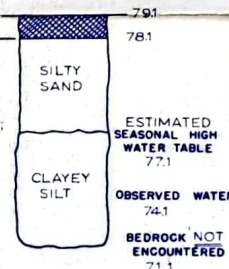
#### CROSS SECTION FORCE MAIN

NOT TO SCALE

TEST PIT 5 7/25/84  
DATE

#### SYSTEM PLAN SCALE 1"=20'

VISIBLE MOTTILING 77.1



SOIL TYPE 510B-HOOSIC  
TOWN OF HAMPTON COUNTY  
SOILS MAP

#### PERCOLATION TEST DATA

DATE TEST CONDUCTED:  
07/26/84  
RESULTS: 5 min/in

#### LEACH BED REQUIREMENTS

PERCOLATION RATE:  
5 min/in

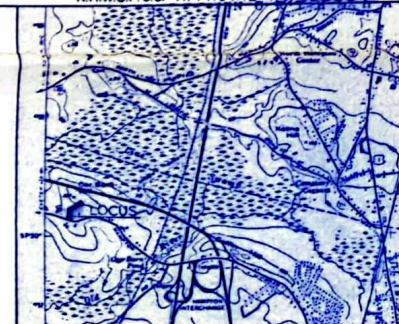
AREA REQUIRED PER  
BEDROOM 230 SQUARE FT.  
NUMBER OF BEDROOMS 4  
4 x 230 sq ft = 920 sq ft  
REQUIRED.

CHAMBER  
LEACH BED SIZE (60%) (20) = 552 sq ft  
1832 sq ft = 576 sq ft PROVIDED.

#### SPECIFICATIONS

ITEM	DESCRIPTION
SEPTIC TANK	1500 GALLON PRECAST CONCRETE
DIST. BOX	9 OUTLET PRECAST CONCRETE
CHAMBERS	18 CHAMBERS AS SHOWN ABOVE (OR APPROVED EQUAL)
DIST. PIPING	4 INCH SOLID PVC
HEADER PIPING	4 INCH SOLID PVC
FITTINGS	PVC COLLARS, T'S, EL'S, ETC.
STONE	1/2 INCH SEPTIC STONE - UNIFORM.
	FOOTING DRAINS (FD) PROVIDED.
PUMP CALCULATION	(600 gpd) / (1 DAY / 8 CYCLES) = 75 gals / CYCLE USING A 3" dia. PUMP STATION, REQUIRED STORAGE IS 1.42' TOTAL STORAGE IS 2.56'
HEAD CALCULATION	TOTAL HEAD = (91.64 - 70.52) + (5.52) = 26.64'
PUMP	USE MYERS WHIRLO 1-hp SEWAGE PUMP WITH 2" DISCHARGE FLANGE.

N.H.W.S.P.C.C. APPROVAL NO. 138504



#### LOCATION PLAN

#### SEPTIC SYSTEM PLAN LOT 3- LEACH SUBDIVISION

EXETER ROAD, HAMPTON

SUBDIVISION APPROVAL  
NO. 19977

SCALE: AS NOTED

OWNER:  
LANDMARK BUILDERS, INC.  
LAFAYETTE COMMON UNIT 2  
861 LAFAYETTE ROAD  
HAMPTON, N.H. 03842

APPLICANT:  
RICHARD P. MILLETTE AND ASSOCIATES  
500 MARKET STREET  
PORTSMOUTH, N.H.

DATE JULY 1986

PROJ. NO. 86108-3





## 149-E WAIVER REQUEST



TO: Department of Environmental Services  
Subsurface Systems Bureau  
6 Hazen Drive - PO Box 95  
Concord, New Hampshire 03301-6528

NOTE: A separate form is required for each rule/section/item for which a waiver is requested.

Owner's Name: \_\_\_\_\_  
 Lot/Subdivision: 2 LOT 3, CLAIRE P. LEACH  
 Project Location - Street/City: 467 EXETER RD  
HAMPTON  
A.W. BIALOBRZESKI  
 Applicant/Designer's Name: STOCKTON SERVICES Permit No: 348  
 Address: RD BOX 1306  
 City: HAMPTON State: NH Zip: 03942

RSA 149E:5, IV allows the Division to grant waivers. These may be granted in accordance with Section WS1001.03 of Chapter WS1000. (See reverse side of this form)

**Required Information:** (Use additional pages if necessary & attach backup calculations and data)

1. Rule/Section for which waiver is being sought:  
Number 1009.03  
Rule/Section requirement FOUNDATION FULL CELLAR WITHOUT  
FOUNDATION DRAINS - MIN 10' DISTANCE FROM L.F.
2. Reason waiver necessary: GARAGE & MAIN HOUSE REVERSED  
FROM ORIGINAL APPROVED DESIGN
- Hardship caused by adhering to rule: CONSTRUCTION SUBSTANTIALLY  
COMPLETED
3. Explanation of alternative sought by waiver: ALLOW 6' TO OUTSIDE  
FOUNDATION WALL AT CLOSEST CORNER ONLY
4. Full explanation of how granting of requested waiver is consistent with the intent  
of RSA 149:E and would have a just  
result: FOUNDATION WALLS ANGLE AWAY FROM FIELD.  
LESS THAN 10 SQ FT OF BASEMENT IS WITHIN  
REQUIRED SETBACK.
5. Demonstrate how the alternatives proposed are at least equivalent to the specific  
requirements contained in the rule:  
AVERAGE DISTANCE FROM L.F. TO FOUNDATION  
IS WELL IN EXCESS OF REQUIRED 10' MINIMUM

REQUIRED SIGNATURES: Owner's signature acknowledges agreement and consent to this waiver.

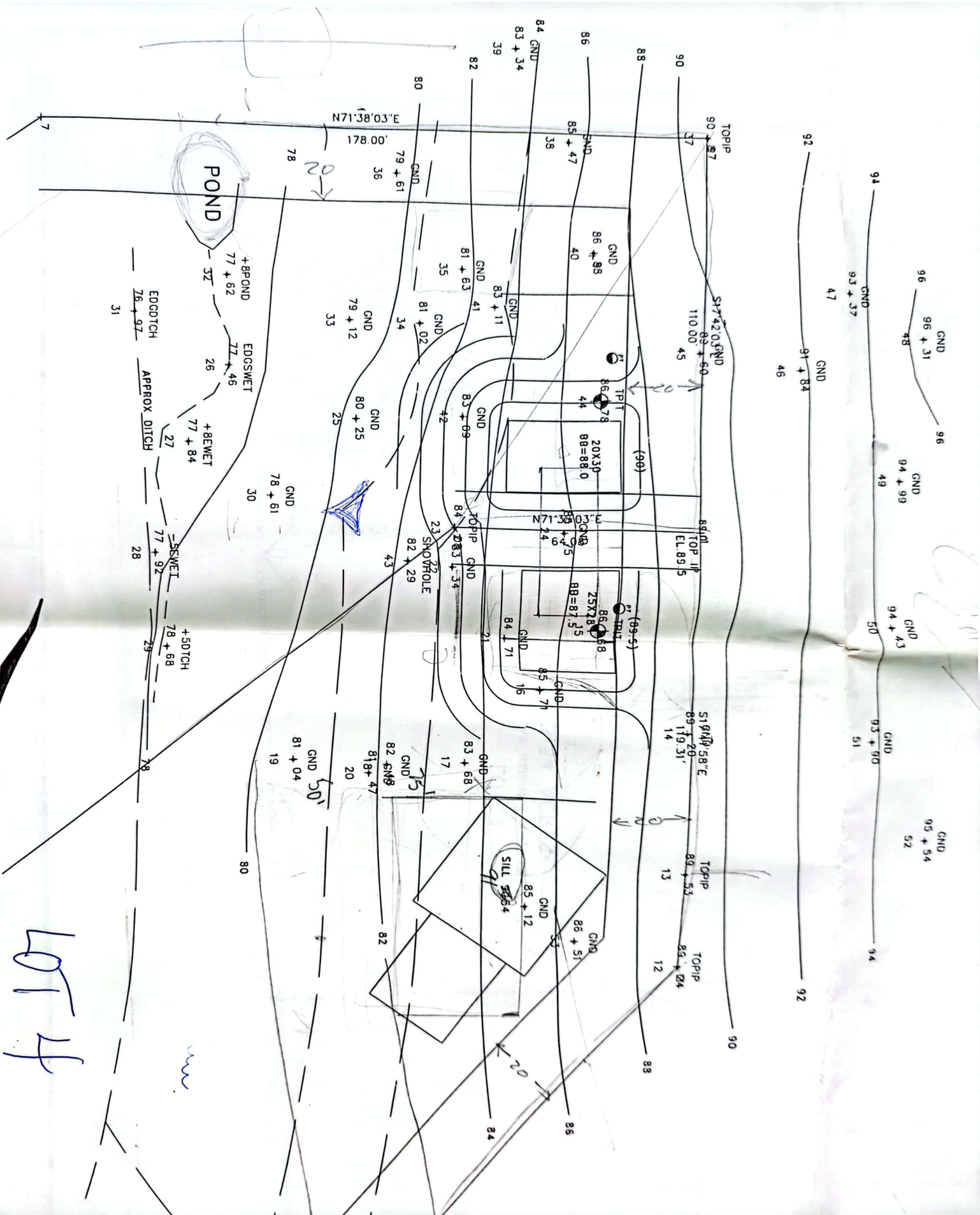
Applicant: June W. Fialkowski 6/29/93  
Signature Date

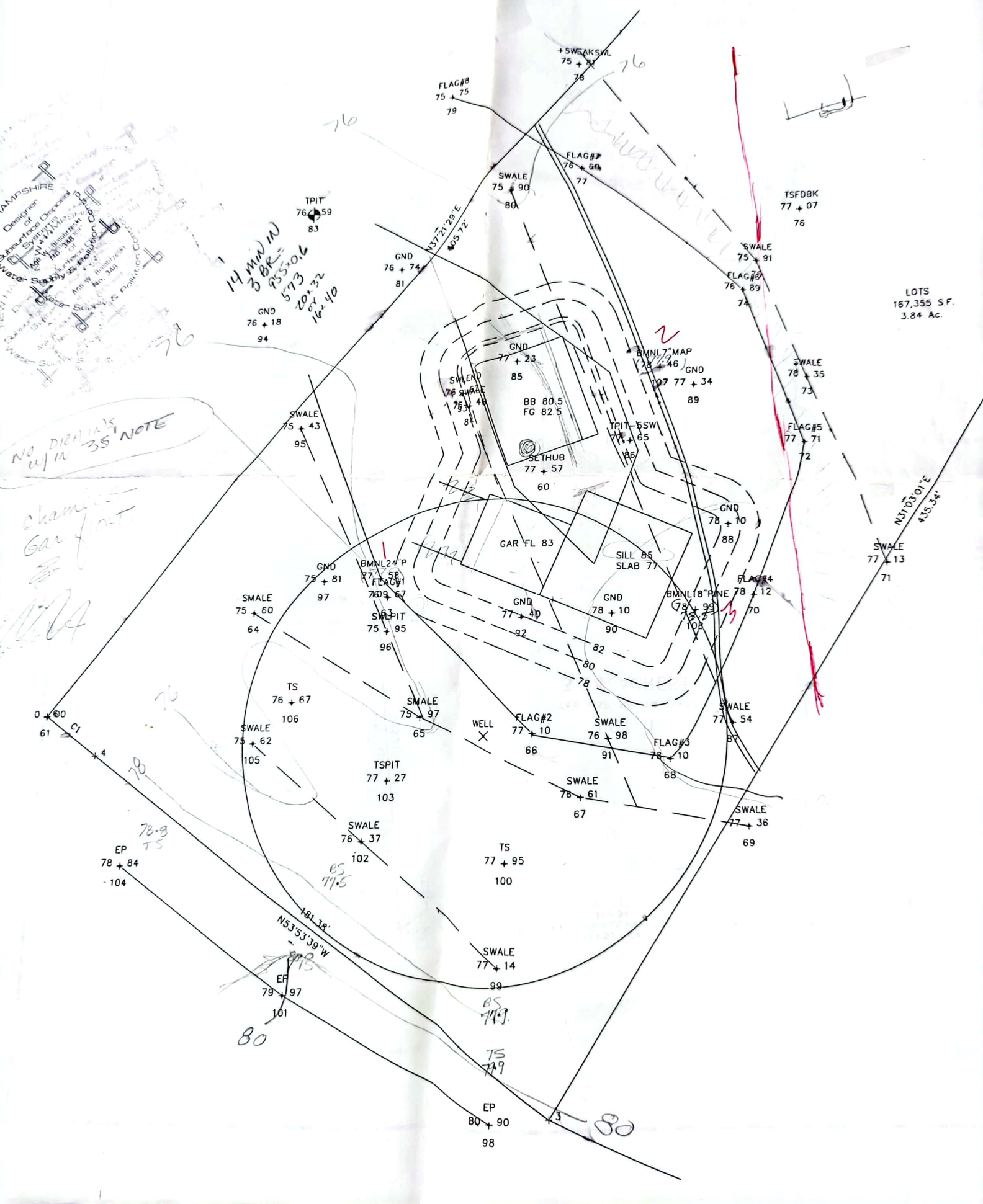
Owner: \_\_\_\_\_ Signature \_\_\_\_\_ Date \_\_\_\_\_



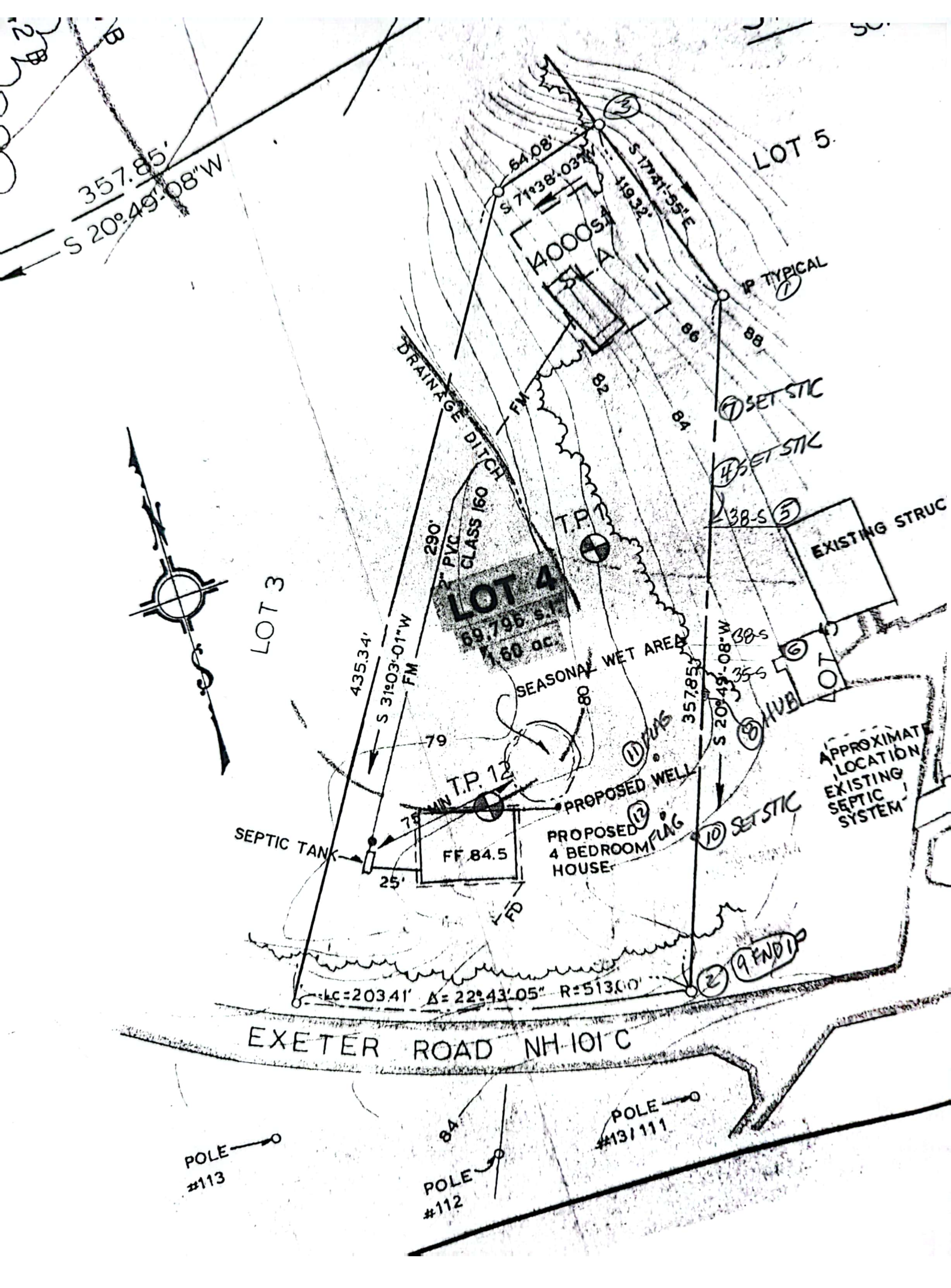




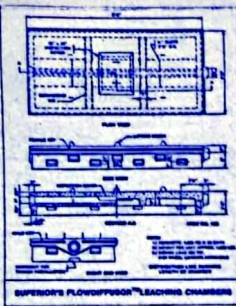






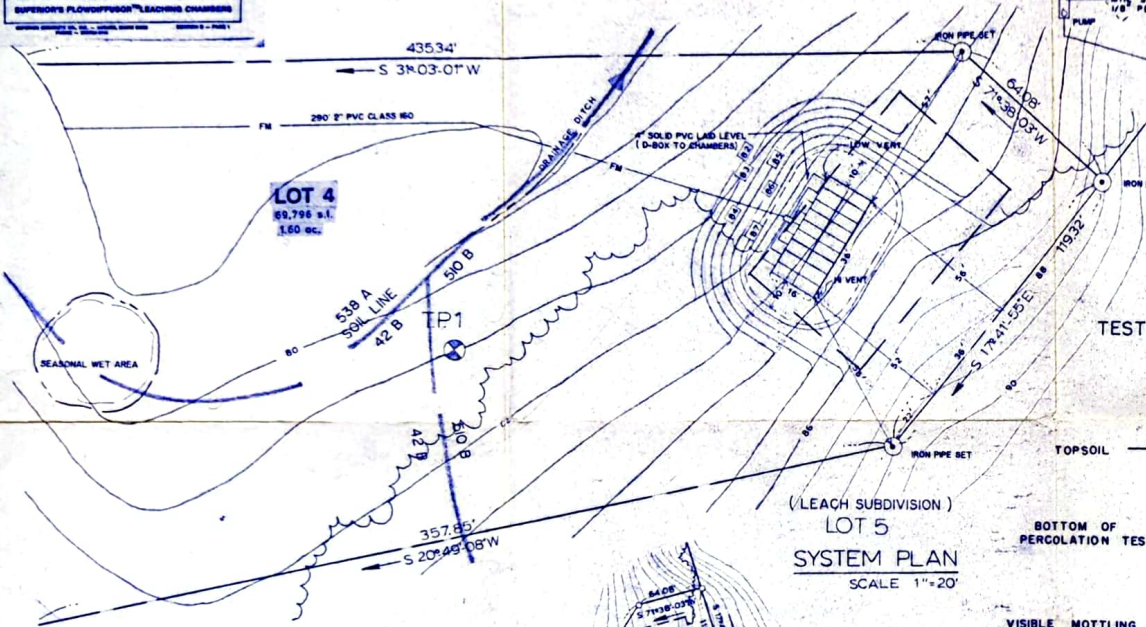




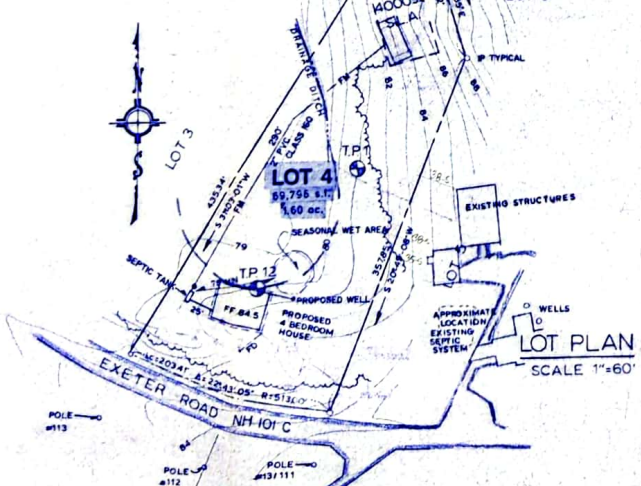


NOTE:  
CHAMBERS TO BE VENTED WITH TWO VENTS.  
THE LOW VENT SHALL OUTLET 4" ABOVE THE  
CHAMBERS AND THE HIGH VENT SHALL OUTLET 6"  
ABOVE THE CHAMBERS. THE VENTS SHALL BE 4" PVC  
PIPE WITH TWO 90° ELBOWS AND SCREENING  
PROVIDED AT THE OUTLET.

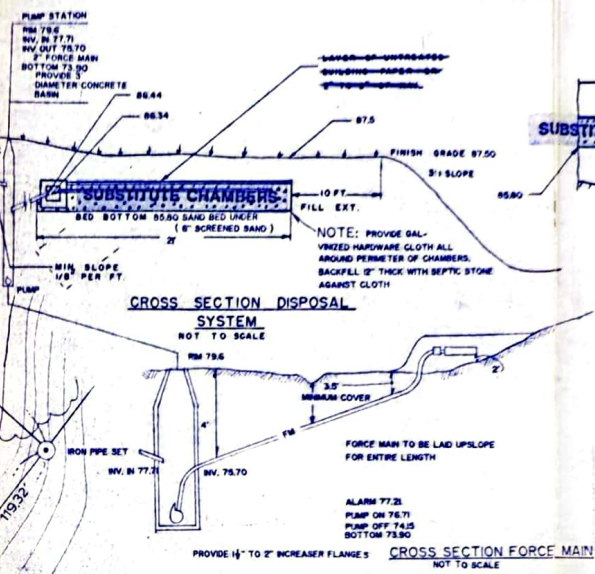
LOT 3 (LEACH SUBDIVISION)



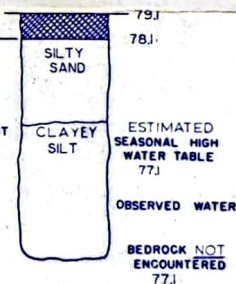
LOT 5  
SYSTEM PLAN  
SCALE 1"=20'



LOT PLAN  
SCALE 1"=60'



TEST PIT 5  
7/26/84  
DATE



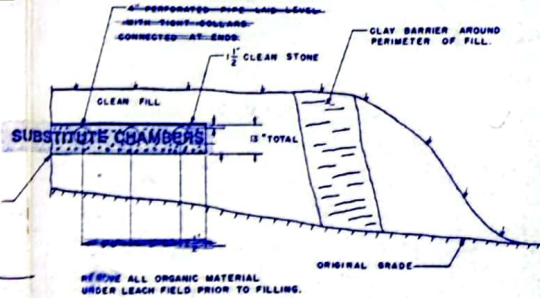
**SOIL TYPE**  
TOWN OF HAMPTON  
SOILS MAP

**PERCOLATION TEST DATA:**  
DATE TEST CONDUCTED: 7/26/84  
RESULTS: 5 MIN. / INCH

**LEACH BED REQUIREMENTS:**  
PERCOLATION RATE: 5 MIN. / INCH  
AREA REQUIRED PER BEDROOM: 230 SQUARE FT.  
NUMBER OF BEDROOMS: 4  
4X 230SF = 920 SF  
REQUIRED CHAMBER  
LEACH BED SIZE (60% X 920) = 552 SF  
18(32) = 576 SF PROVIDED.

**SPECIFICATIONS**

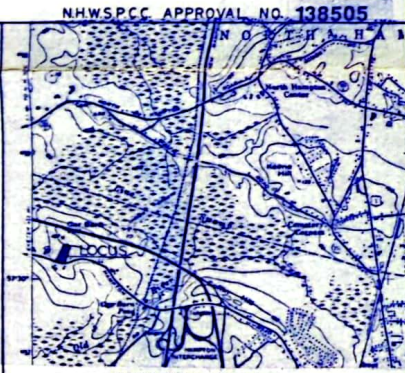
ITEM	DESCRIPTION
SEPTIC TANK	1500 GALLON PRECAST CONCRETE
DIST. BOX	9 OUTLET PRECAST CONCRETE
CHAMBERS	18 SUPERIOR FLOWDIFFUSOR LEACHING CHAMBERS (OR APPROVED EQUAL)
DIST. PIPING	4 INCH SOLID PVC
HEADER PIPING	4 INCH SOLID PVC
FITTINGS	PVC COLLARS, T'S, EL'S, ETC.
STONE	1/2 INCH SEPTIC STONE - UNIFORM.
PUMP CALCULATION	FOOTING DRAINS (FD) PROVIDED (600 GPD) / (1 DAY / 8 CYCLES) = 75 GALLONS PER CYCLE USING A 3" DIAMETER PUMP STATION REQUIRED STORAGE IS 142' PLUS 60 GALLON BACKFLOW (14') TOTAL REQUIRED STORAGE IS 256'
HEAD CALCULATION	TOTAL HEAD = (86.44 - 74.15) + (5.16) = 17.45'
PUMP	USE MYERS SSM4 PUMP (OR APPROVED EQUAL)



REMOVE ALL ORGANIC MATERIAL UNDER LEACH FIELD PRIOR TO FILLING.

**DESIGN INTENT**

THE PURPOSE OF THIS DESIGN IS TO MAINTAIN AT LEAST 4" ABOVE SEASONAL HIGH WATER TABLE AND 6" ABOVE LEACH OR ANY IMPERMEABLE SUBSTRATUM BY CONSTRUCTING THE BOTTOM OF THE LEACH FIELD AT ELEV. 85.0 WHICH IS 3.0" ABOVE EXISTING GROUND AT THE HIGHEST POINT.



LOCATION PLAN

**SEPTIC SYSTEM PLAN  
LOT 4- LEACH SUBDIVISION**

EXETER ROAD, HAMPTON

SUBDIVISION APPROVAL NO. 19977

SCALE: AS NOTED

OWNER: LANDMARK BUILDERS, INC.  
LAFAYETTE COMMON UNIT 2  
861 LAFAYETTE ROAD  
HAMPTON, NH 03842

APPLICANT: RICHARD P. MILLETTE AND ASSOCIATES  
500 MARKET STREET  
PORTSMOUTH, NH 03801

DATE: JULY 1986 PROJ. NO. 86108-4



# APPROVAL FOR CONSTRUCTION

N.H. DEPARTMENT OF ENVIRONMENTAL SERVICES  
WATER SUPPLY & POLLUTION CONTROL DIVISION  
P.O. BOX 95, 6 HAZEN DRIVE, CONCORD, NH 03302-0095

APPROVAL NO.

204103

THE PLANS AND SPECIFICATIONS FOR SEWAGE OR WASTE DISPOSAL SYSTEM SUBMITTED FOR:

OWNER:

Lot Numbers: 4  
Subd. Appvl. No.: 19977  
Subd. Name: CLAIRE P LEACH  
County: ROCK.  
Registry Book No.: 2805  
Registry Page No.: 1457  
Probate Docket No.:  
(If Applicable)

COPY SENT TO:

Type of System: 000000038R  
Town/City Location: 0004506PD  
HAMPTON  
Street Location: EXETER ROAD

BY APPLICANT: PERMIT NO.

BUILDING INSPECTOR  
136 WINNACUNNET  
HAMPTON NH 03842

STOCKTON SERVICES  
PO BOX 1306  
HAMPTON NH 03842

Subsurface waste disposal systems must be operated and maintained in a manner so as to prevent nuisance or health hazard due to system failure.  
(RSA 485-A:37)

It is unlawful to discharge any hazardous chemicals or substances into subsurface waste disposal systems. Included are paints, thinners, gasoline and chlorinated hydrocarbon solvents such as TCE, sometimes used to clean failed septic systems and auto parts. (Env-Ws 410.05)

ADVISE YOUR CONTRACTOR OF REQUIRED CHANGES  
IN PLANS AS INDICATED BELOW CONDITIONS

Approved this date:

Date amended:

05/17/94

By:

JOHN BAAS

N.H. Water Supply & Pollution Control Division Staff (OVER)

REVISED 8/91

APPLICANT'S

## PERC TEST DATA

DATE

8/26/91

PERC RATE:

5min/in DEPTH: 28"

DESIGN LOADING:

3 BEDROOMS

AREA REQUIRED:

646 SF

AREA PROPOSED:

25 x 26 = 650 SF

PROPOSED

## SEPTIC SYSTEM PLAN

LOCUS:

LOT 4 EXETER ROAD  
HAMPTON, NH

OWNER:

THOMAS WASSON  
PO BOX 220  
HAMPTON FALLS, NH

APPLICANT:

STOCKTON SERVICES  
PO BOX 1306  
HAMPTON, NH 03842

DATE:

5/5/94

APPROVAL:

CONTROL DIVISION

Signed

Date

5/17/94

204103

144 LOT 4



REVIEWED AND APPROVED  
IN ACCORDANCE WITH THE  
REQUIREMENTS OF THE  
N.H. DEPT. OF ENVIRONMENTAL SERVICES  
WATER SUPPLY & POLLUTION  
CONTROL DIVISION



# APPROVAL FOR CONSTRUCTION

N.H. DEPARTMENT OF ENVIRONMENTAL SERVICES  
WATER SUPPLY & POLLUTION CONTROL DIVISION  
P.O. BOX 95, 6 HAZEN DRIVE, CONCORD, NH 03302-0095

APPROVAL NO. 189779

THE PLANS AND SPECIFICATIONS FOR SEWAGE OR WASTE DISPOSAL SYSTEM SUBMITTED FOR:

OWNER:

LANDMARK BUILDERS  
861 LAFAYETTE, UNIT 2  
HAMPTON, NH 03842

COPY SENT TO:

BUILDING INSPECTOR  
136 WINNACUNNET  
HAMPTON, NH 03842

BY APPLICANT: PERMIT NO. 348

STOCKTON SERVICES  
PO BOX 1306  
HAMPTON, NH 03842

Lot Numbers: 3  
Subd. Appvl. No.: 19977  
Subd. Name:  
County:  
Registry Book No.:  
Registry Page No.:  
Probate Docket No.:  
(If Applicable)

Type of System: 3BR  
450GPD

Town/City Location: HAMPTON

Street Location: EXETER ROAD

Subsurface waste disposal systems must be operated and maintained in a manner so as to prevent nuisance or health hazard due to system failure.  
(RSA 485-A:37)

It is unlawful to discharge any hazardous chemicals or substances into subsurface waste disposal systems. Included are paints, thinners, gasoline and chlorinated hydrocarbon solvents such as TCE, sometimes used to clean failed septic systems and auto parts. (Env-Ws 410.05)

ADVISE YOUR CONTRACTOR OF REQUIRED CHANGES  
IN PLANS AS INDICATED BELOW CONDITIONS

ALTHOUGH THE SEPTIC SYSTEM AS APPROVED HEREIN MEETS ALL ENV-Ws 1000 RULES AS SUBMITTED, PLEASE BE ADVISED THAT CONSTRUCTION ON THIS LOT MAY INVOLVE DREDGING AND FILLING A JURISDICTIONAL WETLAND, AND IF SO SHALL REQUIRE WETLANDS BOARD APPROVAL PRIOR TO CONSTRUCTION.

NO FOUNDATION DRAINS.

Approved this date: 10/29/91

Date amended:

REVISED 8/91 W0071946

By: Jo Ann Knight  
JO ANN KNIGHT  
N.H. Water Supply & Pollution Control Division Staff

Amended by:

(OVER)

APPLICANT'S

## PERC TEST DATA

DATE: 9/5/91  
PERC RATE: 14 MIN/IN DEPTH: 14"  
DESIGN LOADING: 3 BEDROOMS  
AREA REQUIRED: 955 SF X 0.6 = 573 SF  
AREA PROPOSED: 20 X 32 = 640 SF PROVIDED  
EQUALS 20 4X8 CHAMBERS  
ADDITIONAL PERC 10/22/91  
DEPTH 27" RATE 46 MIN/IN

## SEPTIC SYSTEM PLAN

PROPOSED

LOCUS: LOT 3 EXETER ROAD  
HAMPTON, NH

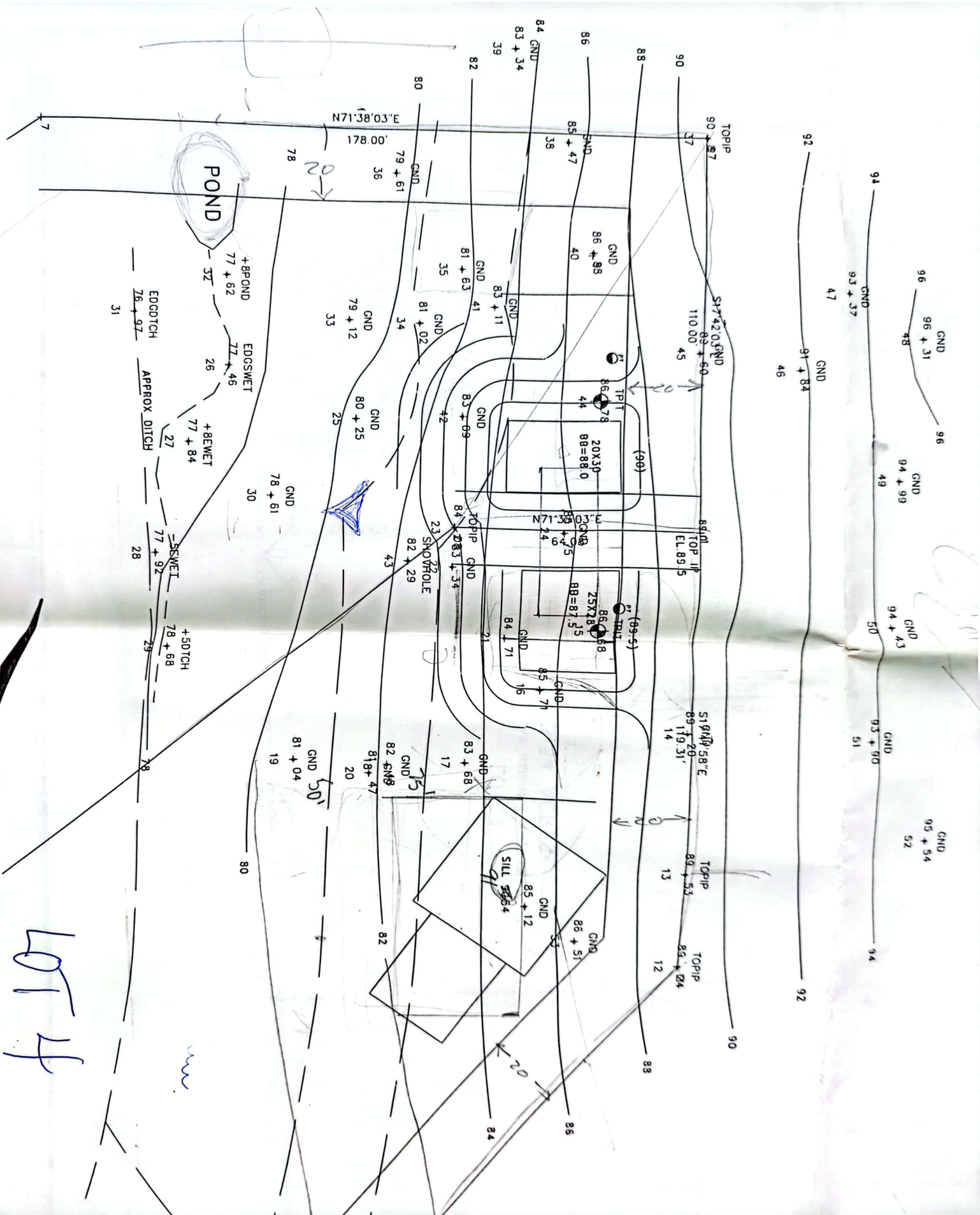
OWNER: LANDMARK BUILDERS, INC.  
861 LAFAYETTE ROAD  
HAMPTON, NH 03842

APPLICANT:  
STOCKTON SERVICES  
PO BOX 1306  
HAMPTON, NH 03842

DATE: 10/7/91 REV 10/24/91  
APPROVAL: 189779

144 LOT 3



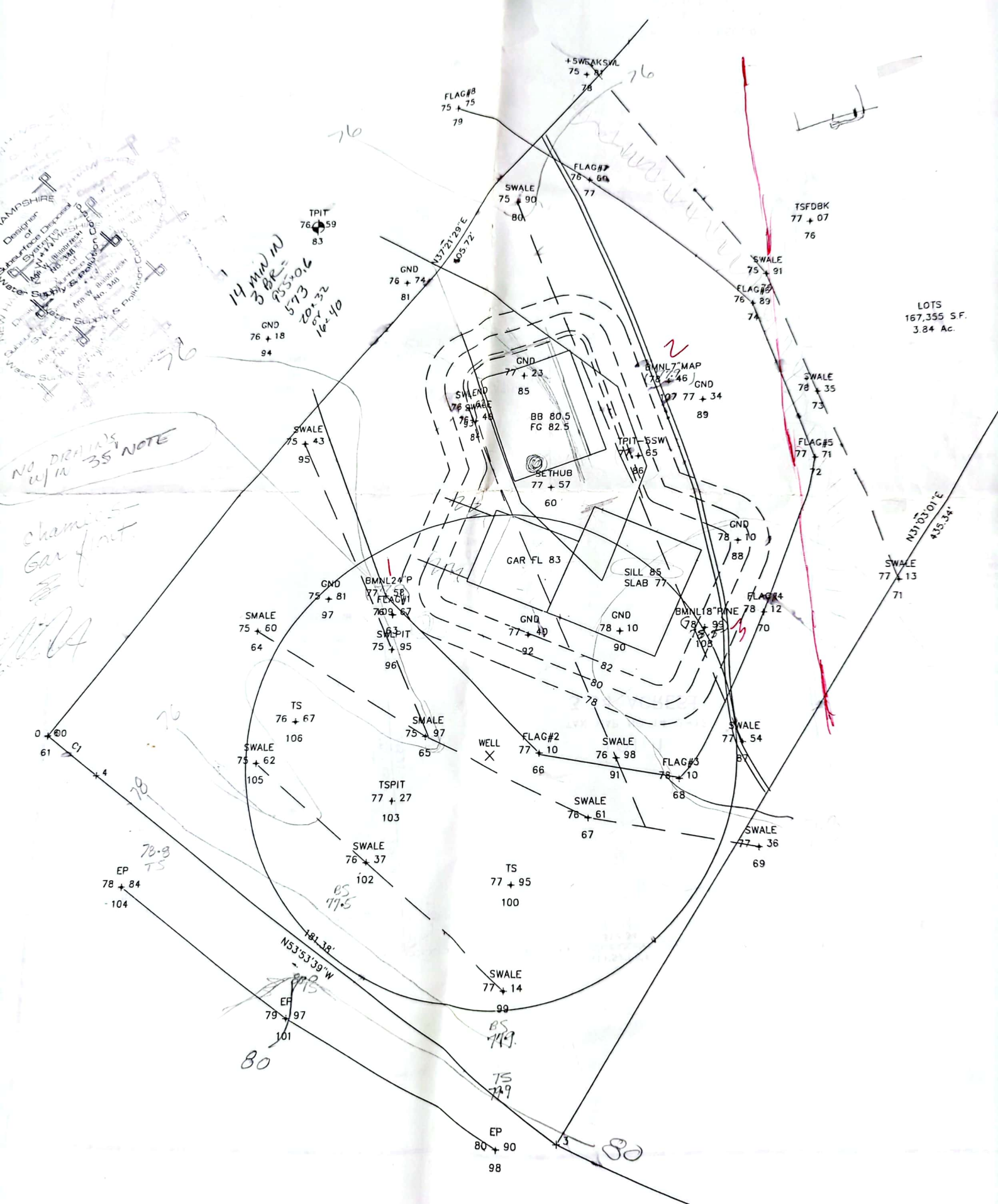


DESIGNER  
OF  
SURFACE DRAINAGE  
SYSTEMS  
FOR  
RESIDENTIAL  
DEVELOPMENTS  
AND  
COMMERCIAL  
BUILDINGS  
AND  
INDUSTRIAL  
SITES  
AND  
PARKS  
AND  
RECREATION  
AREAS  
AND  
SCHOOLS  
AND  
CHURCHES  
AND  
HOSPITALS  
AND  
UNIVERSITIES  
AND  
GOVERNMENT  
BUILDINGS  
AND  
AIRPORTS  
AND  
SEAPORTS  
AND  
RAILROADS  
AND  
HIGHWAYS  
AND  
BRIDGES  
AND  
TUNNELS  
AND  
CANALS  
AND  
DAMS  
AND  
WATER  
TREATMENT  
PLANTS  
AND  
WATER  
SUPPLY  
SYSTEMS  
AND  
WATER  
DISTRIBUTION  
SYSTEMS  
AND  
WATER  
CONSERVATION  
SYSTEMS  
AND  
WATER  
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IMPROVEMENT  
AND  
WATER  
DEVELOPMENT

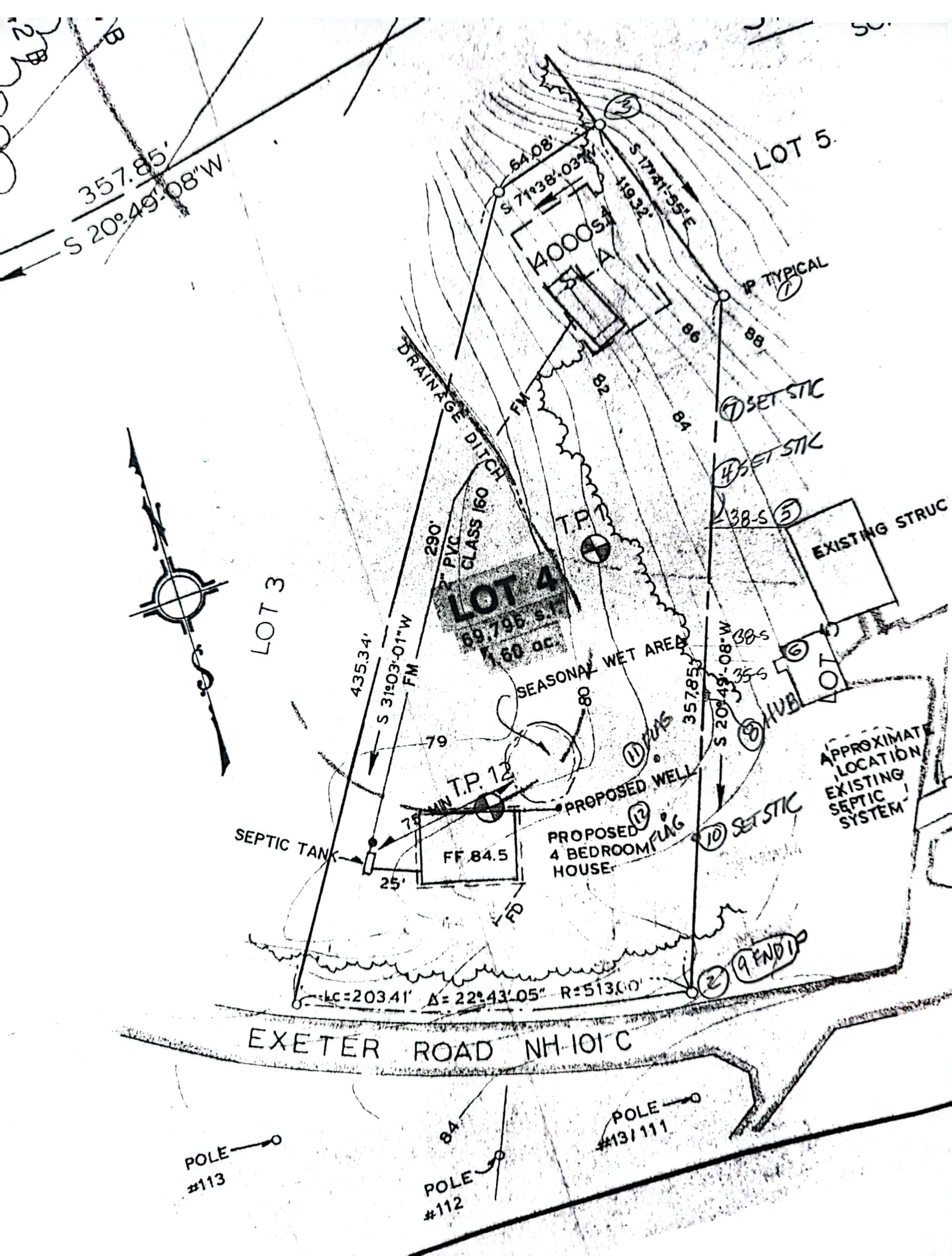
14 MIN W  
3 BR  
955x16  
573  
20x32  
16x40

NO DRAINAGE  
W/IN 35' NOTE

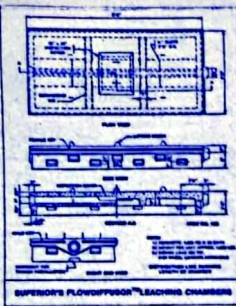
chambers  
Garage  
3  
1004







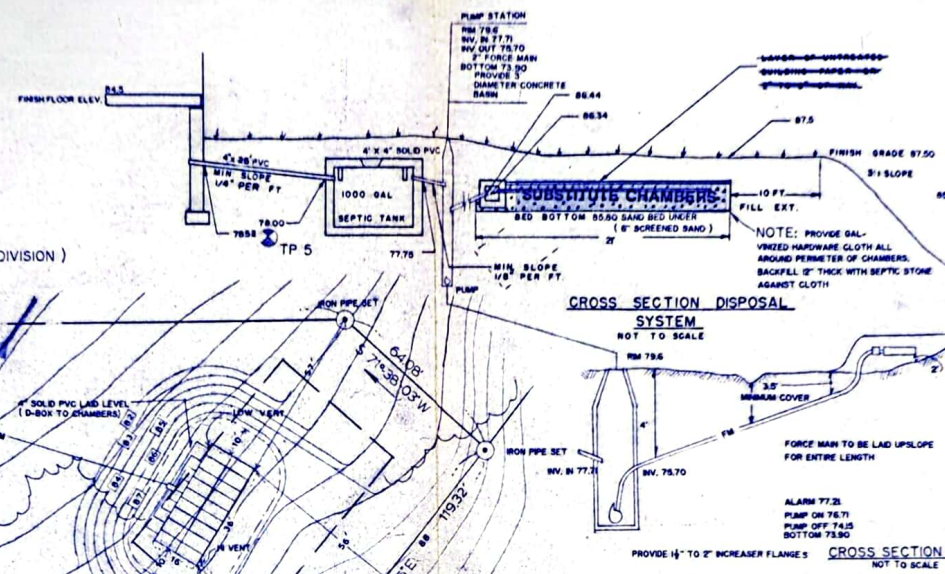
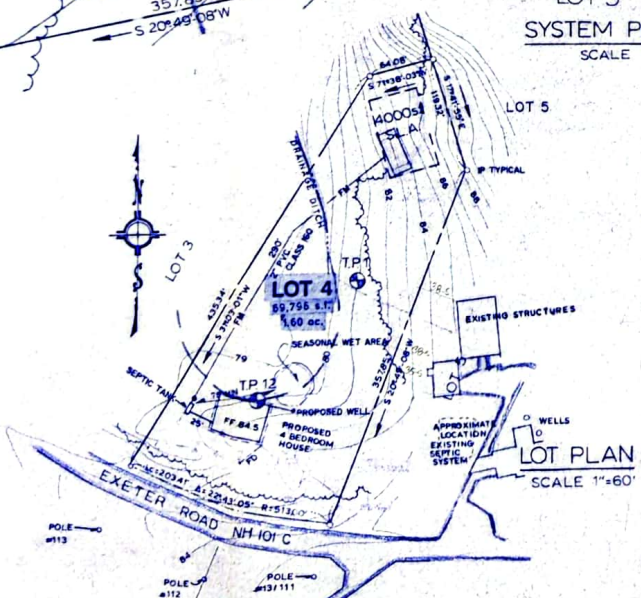
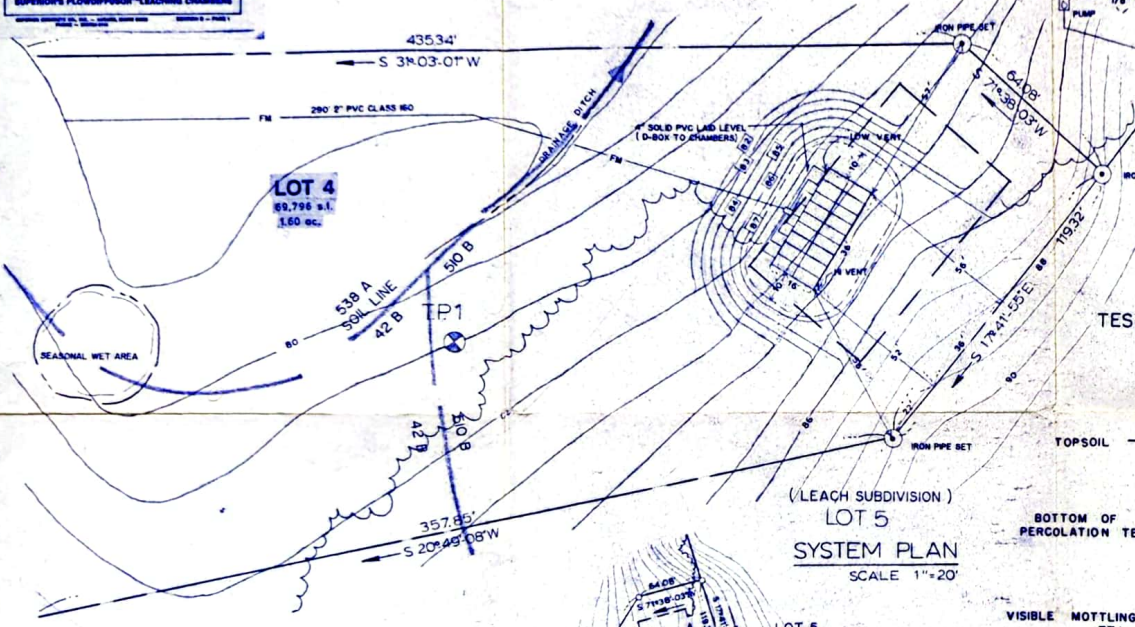




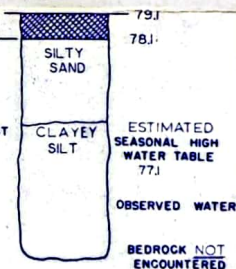
NOTE:  
CHAMBERS TO BE VENTED WITH TWO VENTS.  
THE LOW VENT SHALL OUTLET 4" ABOVE THE  
CHAMBERS AND THE HIGH VENT SHALL OUTLET 6"  
ABOVE THE CHAMBERS. THE VENTS SHALL BE 4" PVC  
PIPE WITH TWO 90° ELBOWS AND SCREENING  
PROVIDED AT THE OUTLET.



LOT 3 (LEACH SUBDIVISION)



TEST PIT 5 7/26/84  
DATE



**SOIL TYPE**  
TOWN OF HAMPTON  
SOILS MAP

**PERCOLATION TEST DATA:**

DATE TEST CONDUCTED:  
7/26/84  
RESULTS: 5 MIN. / INCH

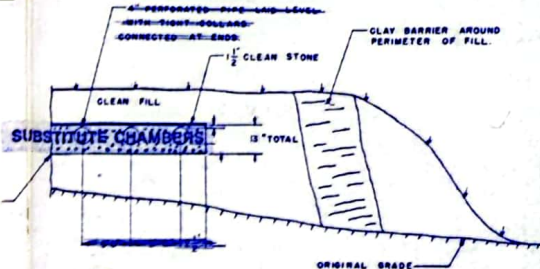
**LEACH BED REQUIREMENTS:**

PERCOLATION RATE:  
5 MIN. / INCH  
AREA REQUIRED PER  
BEDROOM 230 SQUARE FT.  
NUMBER OF BEDROOMS - 4  
4X 230SF = 920 SF

REQUIRED CHAMBER  
LEACH BED SIZE (60% X 920) = 552 SF  
18(32) = 576 SF PROVIDED.

**SPECIFICATIONS**

ITEM	DESCRIPTION
SEPTIC TANK	1500 GALLON PRECAST CONCRETE
DIST. BOX	9 OUTLET PRECAST CONCRETE
CHAMBERS	18 SUPERIOR FLOWDIFFUSOR LEACHING CHAMBERS (OR APPROVED EQUAL)
DIST. PIPING	4 INCH SOLID PVC
HEADER PIPING	4 INCH SOLID PVC
FITTINGS	PVC COLLARS, T'S, EL'S, ETC.
STONE	1 1/2 INCH SEPTIC STONE - UNIFORM.
PUMP CALCULATION	FOOTING DRAINS (FD) PROVIDED (600 GPD)/(1 DAY/8 CYCLES) = 75 GALLONS PER CYCLE USING A 3" DIAMETER PUMP STATION REQUIRED STORAGE IS 142' PLUS 60 GALLON BACKFLOW (14') TOTAL REQUIRED STORAGE IS 256'
HEAD CALCULATION	TOTAL HEAD = (86.44 - 74.15) + (5.16) = 17.45'
PUMP	USE MYERS SSM4 PUMP (OR APPROVED EQUAL)



REMOVE ALL ORGANIC MATERIAL UNDER LEACH FIELD PRIOR TO FILLING.

**DESIGN INTENT**

THE PURPOSE OF THIS DESIGN IS TO MAINTAIN AT LEAST 4" ABOVE SEASONAL HIGH WATER TABLE AND 6" ABOVE LEACH OR ANY IMPERMEABLE SUBSTRATUM BY CONSTRUCTING THE BOTTOM OF THE LEACH FIELD AT ELEV. 85.0 WHICH IS 3.0" ABOVE EXISTING GROUND AT THE HIGHEST POINT.

NHWSPPC APPROVAL NO. 138505



**SEPTIC SYSTEM PLAN  
LOT 4- LEACH SUBDIVISION**

**EXETER ROAD, HAMPTON**

SUBDIVISION APPROVAL NO. 19977

SCALE: AS NOTED

OWNER: LANDMARK BUILDERS, INC.  
LAFAYETTE COMMON UNIT 2  
861 LAFAYETTE ROAD  
HAMPTON, NH 03842

APPLICANT: RICHARD P. MILLETTE AND ASSOCIATES  
500 MARKET STREET  
PORTSMOUTH, NH 03801

DATE: JULY 1986 PROJ. NO. 86108-4



1 @ 12.00 ON 11 @ ROAD 00-00-40 TO 1R@ ROAD

Occ. Pt. 1 N RADIAL STAKE OUT OPTION L1  
 Back Pt. 8 E 5000.0000 12/1/94 SETHUI  
 N 4805.9448  
 E 4926.1852

Stake Pt.	Angle Right	Distance	Coordinates	Desc/Elev
14	95-00-26 SET STK	75.98'	N 5033.1100	
15	106-30-30	55.20'	E 4931.6094	
16	115-15-53 Set STK	46.71'	N 5033.4767	
17	66-45-12 Set STK	31.90'	E 4956.1097	
18	67-34-56 Set STK	67.89'	N 5033.6488	
19	48-54-04 Set STK	68.80'	E 4967.6084	
20	40-14-50 Set STK	48.60'	N 4998.6527	
21	113-06-37	134.87'	E 4968.1322	
			N 4998.1139	
			E 4932.1332	
			N 4976.1612	
			E 4935.4621	
			N 4976.4905	
			E 4957.4597	
			N 5093.5777	
			E 4902.8808	

Press any key to view more ...

Stake Pt. Angle Right Distance Coordinates Desc/Elev

22	117-17-53 Set STK	111.14'	N 5082.7520	
23	110-31-21 Set STK	87.91'	E 4925.8134	
24	126-31-10 Set STK	78.34'	N 5058.0763	
25	130-03-58 Set STK	103.73'	E 4934.0056	
			N 5065.9534	
			E 4957.7322	
			N 5090.6290	
			E 4949.5400	

Press any key to continue...

Command= 210-  
 Point#, Start#-End# or G#= 1-438  
 89.50

89.24	TOPIP	1	5000.0000	5000.0000	
89.53	TOPIP	2	4979.8095	4939.1840	TRA
89.20	GND	3	4606.8472	4714.6399	TRA
86.68	TPIT	4	4713.7305	4568.0976	TRA
85.71	GND	5	5364.7443	5042.9265	TRA
83.68	GND	6	4726.2187	4551.4323	TRA
82.48	GND	7	5048.7089	4797.6208	TRA
81.04	GND	8	5104.7937	4966.5543	TRA
81.47	GND	9	5063.3131	4948.7506	TRA
84.71	GND	10	4551.8486	4909.0887	TRA
83.34	GND	11	4886.3341	5036.2741	TRA
84.08	TOPIP	12	4886.3280	5036.2760	SS
85.75	GND	13	4911.2606	5028.2909	SS
80.25	GND	14	4947.4245	5015.5258	SS
77.46	EDGSWET	15	4966.2035	4984.8177	SS
77.84	+SEWET	16	4945.3021	4975.5349	SS
77.92	-SEWET	17	4919.6301	4964.1085	SS
78.68	+SDTCH	18	4912.1004	4945.0729	SS
78.61	GND	19	4905.2096	4921.4452	SS
76.97	EDGDTCH	20	4908.3078	4941.4154	SS
77.62	+SPOND	21	4955.7173	4962.4964	SS
79.12	GND	22	4969.5561	4942.4798	SS
81.02	GND	23	4979.8057	4939.3012	SS
81.63	GND	24	4988.1627	4966.9563	SS
79.61	GND	25	4999.1584	4904.5037	SS
90.97	TOPIP	26	5001.5745	4868.1094	SS
85.47	GND	27	4978.2498	4865.6391	SS
83.34	GND	28	4947.1667	4868.6149	SS
86.88	GND	29	4923.5223	4879.5004	SS
83.11	GND	30	4971.7364	4891.0566	SS
83.09	GND	31	5006.9228	4839.5192	SS
82.29	SHOVHOLE	32	5024.8464	4858.6775	SS
86.78	TPIT	33	5024.2766	4893.3071	SS
89.60	GND	34	5029.5628	4911.3493	SS
91.84	GND	35	5047.8309	4917.1334	SS
93.37	GND	36	5067.3587	4891.7337	SS
96.31	GND	37	5104.7906	4966.6814	SS
94.99	GND	38	5090.9216	4932.3301	SS
94.43	GND	39	5110.2705	4910.5960	SS
93.90	GND	40	5064.0736	4948.6838	SS
95.54	GND	41	5040.8715	4928.7043	SS
86.51	GND	42	5009.3512	4930.6779	SS
85.12	GND	43	4967.0499	4930.8823	SS
		44	5025.7055	4963.8593	SS
		45	5047.1681	4984.0873	SS
		46	5051.4764	5009.7414	SS
		47	5074.9080	5014.6652	SS
		48	5072.0799	5038.6747	SS
		49	5033.1082	5045.2514	SS
		50	4994.4028	5055.3779	SS
		51	4962.6853	5061.9032	SS
		52	4942.4623	5087.6045	SS
		53	4883.2015	5008.2571	SS
		54	4887.7085	4992.6771	SS
		406	0.0000	0.0000	TRA
		407	0.0000	0.0000	TRA
		408	0.0000	0.0000	TRA

Point#, Start#-End# or G#= 200-  
 Clear point(s)  
 Point#, Start#-End# or G#= 406-408



[illegible]

ROTATION  
WENT ON (BETWEEN DESIGNS)  
GOOD LUCK - YOU'LL  
FIGURE IT OUT

[illegible]

3	4606.8472	4714.6399	TRA
60	4802.5956	4707.7415	TRA
61	4726.0247	4551.4619	TRA
62	4726.2941	4551.3299	TRA
63	4763.5056	4658.5012	SS
64	4758.2856	4617.6818	SS
65	4725.1776	4670.5687	SS
66	4719.9664	4706.4098	SS
67	4700.6056	4721.4712	SS
68	4712.0055	4748.7747	SS
69	4691.3625	4772.7960	SS
70	4762.9516	4773.8917	SS
71	4773.0165	4815.6510	SS
72	4812.3344	4789.1914	SS
73	4834.7396	4790.6483	SS
74	4864.7341	4770.3359	SS
75	4875.7388	4775.0944	SS
76	4893.9777	4789.3382	SS
77	4906.5154	4717.0969	SS
78	4946.5987	4715.6483	SS
79	4934.8713	4671.4647	SS
80	4897.6240	4694.1883	SS
81	4873.9245	4657.3385	SS
82	5054.4542	4484.4780	SS
83	4895.5278	4626.2215	SS
84	4824.8594	4682.8977	SS
85	4839.9089	4698.0953	SS
86	4813.0764	4734.3842	SS
87	4722.9814	4767.7721	SS
88	4785.5314	4765.6184	SS
89	4831.0666	4754.0376	SS
90	4757.1015	4729.9376	SS
91	4718.3447	4729.5591	SS
92	4756.0507	4702.0634	SS
93	4829.5162	4680.2602	SS
94	4856.2276	4612.4241	SS
95	4818.4444	4628.6539	SS
96	4752.3097	4658.9879	SS
97	4768.4658	4638.6183	SS
98	4605.2699	4697.1469	SS
99	4650.0625	4697.9044	SS
100	4680.8664	4699.1796	SS
101	4641.3215	4632.5058	SS
102	4687.2778	4654.4409	SS
103	4705.6146	4661.2014	SS
104	4679.6865	4579.3066	SS
105	4717.4285	4619.5663	SS
106	4730.1078	4630.9917	SS
107	4837.2226	4743.4353	SS
108	4758.2040	4755.8769	SS
109	4769.6006	4656.0553	SS